

DAFTAR PUSTAKA

- Adediran, G.A. 2008. An evaluation of the effects of soil compaction on some physical properties of soils at the Federal University of Technology YOLA research farm. *Thesis*. Swedish University of Agricultural Science. Uppsala.
- Anjelina, L. 2018. Efek alelopati ekstrak daun akasia (*Acacia auriculiformis* A. Cunn. Ex Benth) terhadap perkecambahan dan pertumbuhan kecambah padi gogo (*Oryza sativa* L.) varietas situ bagendit. *Skripsi*. Universitas Lampung. Bandar Lampung.
- Barbour, M. G., J. H. Burk., W. D. Pitts. 1987. *Terrestrial plant ecology*, 2nd ed. The Benjamin Cummings Publishing Company, Inc. California.
- Bibi, F. and Z. Ali. 2013. Measurement of diversity indices of avian communities at Taunsa Barrage Wildlife Sanctuary, Pakistan. *The Journal of Animal & Plant Sciences*, 23(2):469-47.
- Boggs, S. 1987. *Principles of Sedimentology and Stratigraphy*. Merrill Publishing Company. Pp. 796.
- Brown, A.L. 1987. *Ecology of soil organisms*. London. Pp. 108.
- Budiyanto, G. 2011. Teknologi konservasi lanskap gumuk pasir pantai Parangtritis, Bantul, DIY. *Jurnal Lanskap Indonesia* 3(2):97-101.
- Chen, X., B. Adams., C. Bergeron., A. Sabo., L. Hooper-B u`i. 2015. Ant community structure and response to disturbances on coastal dunes of Gulf of Mexico. *J Insect Conserv* 19:1–13
- Daghighi, E., H. Koehler., R. Kesel., J. Filser. 2017. Long-term succession of Collembola communities in relation to climate change and vegetation. *Pedobiologia* 64:25-38.
- Das, S., and V.C. Joy. 2009. Chemical quality impacts of tropical forest tree leaf litters on the growth and fecundity of soil Collembola. *European Journal of Soil Biology* 45:448-454.
- Davis, R.A. and Fitzgerald, D.M. 2004. *Beaches and Coasts*. Blackwell Publishing. Pp. 419.
- Dindal, D.L. 1990. *Soil biology guide*. A Wiley-Interscience Publication. New York.
- Fakhrudin, M., P, Aris., N, Malikusworo. 2010. Dinamika pemanfaatan lahan bentang alam gumuk pasir pantai Parangtritis, Kabupaten Bantul. *Jurnal Ilmiah Geomatika* 16(2):43-60.
- Ganjari, L. 2012. Abundance of Collembola on habitat vermin composting type. *Widya News* 1:131-144.
- Gardner, R. and S. McLaren. 1999. Infiltration and moisture movement in coastal sand dunes, Studland, Dorset, v.k.: preliminary results. *Journal of Coastal Research* 15(4):936-949.
- Goehring, D.M., G.C. Daily., C.H. Sekercioglu. 2002. Distribution of ground-dwelling arthropods in tropical countryside habitats. *Journal of Insect Conservation* 6:83-91.
- Grootjans, A.P., Adema, E.B., Bekker, R.M. and Lammerts, E.J. 2004. Why young coastal dune slacks sustain a high biodiversity. In: Martinez,

- M.L. and Psuty, N.P. (Eds). 2004. *Coastal Dunes, Ecology and Conservation*. Springer-Verlag Berlin Heidelberg.
- Haddad, N.M., D. Tilman., J. Haarstad., M. Ritchie., J.M.H. Knops. 2001. Contrasting effects of plant richness and composition on insect communities: a field experiment. *The American Naturalist* 158:17–35.
- Harjadi, B., P.D. Susanti., A. Miardini. 2014. Kajian unsur hara tanah pada tegakan cemara laut (*Casuarina equisetifolia*) di pantai berpasir Petanahan Kebumen. *Prosiding. Seminar Nasional Hasil Penelitian Teknologi Pengelolaan DAS*. Pp. 208-218.
- Hesp, P. 2002. Foredunes and blowouts: initiation, geomorphology and dynamics. *Geomorphology* 48:245-268.
- Hopkin, S.P. 1997. *Biology of the Springtails (Insecta: Collembola)*. Oxford University Press. Pp. 330.
- Husamah, A. Rahardjanto., A.M. Huda. 2017. *Ekologi hewan tanah*. MM Press. Malang.
- Kao, S.S. 1984. *The spatial distribution of Insect*. Phytopathologist & Entomologist. NTU. Pp. 111-125.
- King, T.J. 1989. Ecology. Nelson. Pp. 181.
- Klärner, B., M. Maraun., S. Scheu. 2013. Trophic diversity and niche partitioning in a species rich predator guild natural variations in stable isotope ratios ($^{13}\text{C}/^{12}\text{C}$, $^{15}\text{N}/^{14}\text{N}$) of mesostigmatid mites from central European beech forest. *Soil Biology & Biochemistry* 57:327-333.
- Krebs, C.J. 1999. *Ecological Methodology*, 2nd ed. [Addison-Wesley Educational Publishers, Inc.](http://www.addison-wesley.com) Boston.
- Łabuz, T.A. 2005. Present-day dune environment dynamics on the coast of the Swina Gate Sandbar (Polish West coast). *Estuarine, Coastal and Shelf Science* 62:507-520.
- Lamb, E., J. Mischkolz., D. Guedo. 2011. The distribution and abundance of the endemic vascular plant taxa of the Athabasca Sand Dunes of northern Saskatchewan. University of Saskatchewan. Saskatoon, SK. Pp. 9-10.
- Lavelle, P., T. Decaens., M. Aubert., S. Barot., M. Blouin., F. Bureau., P. Margerie., P. Mora., J.P. Rossi. 2006. Soil invertebrates and ecosystem services. *European Journal of Soil Biology* 42:3-15.
- Lindberg, N. 2003. Soil fauna and global change, responses to experimental drought, irrigation, fertilisation and soil warming. *Dissertation*. Swedish University of Agricultural Science. Uppsala.
- Liu, R., Z. Halin., Z. Xueyong., Z. Xiaolan., S. Drake. 2009. Soil macrofaunal response to sand dune conversion from mobile dunes to fixed dunes in Horqin sandy land, northern China. *European Journal of Soil Biology* 45:417-422.
- Marsh, W.M. 1991. *Landscape planning, environmental applications* 2nd edn. John Wiley & Sons, Inc. New York. pp. 200-206.
- Maulana, E., and T.R. Wulan. 2015. Identifikasi agihan barkhan pada zona inti Gumuk Pasir Parantritis dengan menggunakan data UAV. *Prosiding Simposium Nasional Sains Geoinformasi* 4:307-313.

- McLachlan, A. 1991. Ecology of coastal dune fauna. *Journal of Arid Environments* 21: 229-243
- McLachlan, A. and Brown, A.C. 2006. *The ecology of sandy shores*. Academic Press. California.
- Morisita, M. 1957. A new method for the estimation of density by the spacing method applicable to non-randomly distributed population. *Physiology and Ecology* 7:134-144.
- Nuraini, F., Sunarto., L.W, Santosa. 2016. Pengaruh vegetasi terhadap dinamika perkembangan gumuk pasir di pesisir Parangkusumo. *Geomedia* 14(2):1-11.
- Odum, E.P. 1971. *Fundamental of Ecology*. 3rd edition. W.B. Saunders. Co., London. Pp. 574.
- Oosting, H.J. 1956. *The study of plant communities: An introduction to plant ecology*. 2nd edn. W.H. Freeman. San Fransisco.
- Ponge, J.F. 2013. Plant-soil feedbacks mediated by humus forms. *Soil Biology & Biochemistry* 57:1048-1060.
- Pugnaire, F and F. Valladares. 2007. *Functional plant ecology*. CRC Press Taylor & Francis Group. Boca Raton. Pp 148, 278, 321-322, 335
- Puspitasari, I.Y. 2011. Perkembangan gumuk pasir dan perubahan penggunaan tanah di Gumuk Pasir Pantai Parangtritis, Daerah Istimewa Yogyakarta. *Skripsi*. Depok.
- Putra, M.D. 2016. Nilai ekonomi imbuhan airtanah dari air hujan pada kawasan bentang alam Gumuk Pasir Parangtritis. *Skripsi*. Yogyakarta.
- Rattan, L. 2006. *Encyclopedia of soil science*, 2nd ed. Taylor & Francis.
- Simorangkir, R.H., S.S. Mansjoer., M. Bismark. 2009. Struktur dan komposisi pohon di habitat orangutan liar (*Pongo abelii*), kawasan Hutan Batang Toru, Sumatera Utara. *Jurnal Primatologi Indonesia* 6(2):10-20.
- Slobodchikoff, C.N., and J.T. Doyen. 1977. Effects of *Ammophila Arenaria* on Sand Dune Arthropod Communities. *Ecology* 58(5):1171-1175
- Soepardi, G. 1983. *Sifat dan ciri tanah*. Institusi Pertanian Bogor Press. Bogor.
- Springett, J.A. 1976. The effect of prescribed burning on the soil fauna and on litter decomposition in Western Australian forests. *Australian Journal of Ecology* 1: 77-82
- Standish, R.J. 2004. Impact of an invasive clonal herb on epigaeic invertebrates in forest remnants in New Zealand. *Biological Conservation* 116: 49-58.
- Sugiyarto. 2000. Keanekaragaman makrofauna tanah pada baerbagai umur tegakan sengon di RPH Jatirejo Kabupaten Kediri. *Biodiversitas* 1(2):11-15.
- Sugiyarto., M. Effendi., EDWL. Mahajoeno., Y. Sugito., E. Handayanto., L. Agustina. 2007. Preferensi berbagai jenis makrofauna tanah terhadap sisa bahan organik tanaman pada intensitas cahaya berbeda. *Biodiversitas* 7(4):96-100
- Tomasick, T., A.J. Mah., A. Nontji., M.K. Moosa. 1997. *The ecology of the Indonesia seas*. Volume VIII. Periplus Edition. Singapore.

- Tributsch, H. 1984. *How life learned to live*. Cambridge. The MIT Press. Pp. 218.
- Tsoar, H. 2001. *Types of Aeolian sand dunes and their formation*. Berlin. Springer-Verlag. Pp. 403-429.
- Wallwork, J.A. 1970. *Ecology of Soil Animal*. McGraw-Hill. London. Pp. 283.
- Wardle, D.A. 2006. The influence of biotic interactions on soil biodiversity. *Ecology Letters* 9:870-886.
- Waugh, D. 1995. *Geography an integrated approach*. Nelson. Pp. 593.
- Yin, X., X. Li., J. An., F. Wang. 2015. Characteristics of ecological distribution of soil microarthropod communities in the wetlands of the Lhasa River on the Qinghai-Tibet Plateau. *Wetlands* 35:589–596.